



SPECIFICATIONS HL960A

ENGINE	
Maker / Model	CUMMINS / B6.7
Туре	Tier 4F/ Stage V Emission Certified, 6 cylinder diesel engine with No Manual Regeneration.
Gross Power (SAE J1995)	225 HP (168 kW) at 2,200 rpm
Net Power (SAE J1349)	222 HP (166 kW) at 2,200 rpm
Max. Power	251 HP (188 kW) at 1,900 rpm
Peak Gross Torque (SAE J1995)	875 lb·ft (1,186 N·m) at 1,300 rpm
Displacement	6.7 L (408 cu in)

*Stage V	ጼ	Tier	4 Fi	nal	Certified

TRANSMISSION					
Travel Speed, km/h (mph)		4 Speed T/M	5 Speed T/M with lock up clutch		
	1st	6.4 km/h (3.9 mph)	6.7 km/h (4.1 mph)		
Forward	2nd	12.1 km/h (7.5 mph)	11.8 km/h (7.3 mph)		
	3rd	24.5 km/h (15.2 mph)	18.2 km/h (11.2 mph)		
	4th	39.0 km/h (24.2 mph)	28.4 km/h(17.5 mph)		
	5th	-	40.0 km/h (24.8 mph)		
	1st	6.8 km/h (4.2 mph)	7.1 km/h (4.4 mph)		
Reverse	2nd	12.8 km/h (7.9 mph)	12.5 km/h (7.7 mph)		
	3rd	25.7 km/h (15.9 mph)	29.9 km/h(18.5 mph)		

[•] This is the maximum travel speed of a standard machine with unfilled bucket.

AXLES	
Drive System	Four-wheel drive system
Mount	Rigid front axle and oscillating rear axle
Rear Axle Oscillation	Oscillating ±12 ° degrees
Hub Reduction	Planetary reduction at wheel end
Differential	Conventional
Reduction Ratio	24.667

HYDRAULIC SYSTEM			
Туре	Load sensing hydrau	lic system	
Implement System			
Maximum Pump Output	239 l /min (63.1 gal/m	in) at 2,130 rpm	
Maximum Operating Pressure	28,000 kPa (4,061 ps	i)	
	Raise from Carry Positi	on: 5.9 Sec.	
Hydraulic Cycle Time	Dump, at maximum rai	se: 1.5 Sec.	
with Rated Payload	Lower, empty, float down: 3.5 Sec.		
	Total: 10.9 Sec.		
	Type: double acting		
	No. of cylinders-bore \times stroke		
Cylinder	Lift	2-140 × 765 mm (2-5.5" × 30.1")	
	HL960A Tilt	1-160 x 530 mm (1-6.3" × 20.9")	
	HL960A XT Tilt	1-160 × 530 mm (1-6.3" × 20.9")	

1	DODC A	LODC	Cabin	Moot	ICO.	2/71	224 100	2440

OVERVIEW				
Description		HL960A	HL960A XT	
Operating Wei	ght	19,200 kg (42,330 lb)	20,030 kg (44,160 lb)	
Bucket Capacity	Heaped	3.3 m³ (4.3 yd³)	3.3 m³ (4.3 yd³)	
	Struck	2.9 m³ (3.8 yd³)	2.9 m³ (3.8 yd³)	
Breakout Force	e-Bucket	16,670 kg (36,750 lb)	16,430 kg (36,220 lb)	
Tipping Load	Straight	14,300 kg (31,525 lb)	12,950 kg (28,550 lb)	
	Full Turn	12,410 kg (27,360 lb)	11,110 kg (24,495 lb)	

TIRES	
Туре	Tubeless, loader design tires
Standard	23.5 R25, ★★, L3
Options Include	23.5 R25, ★, XHA
	23.5-25, 20PR, L3
	23.5-25, 20PR, L5
	23.5-25, Solid tire

BRAKES	
Service Brakes	Hydraulically actuated, wet disc brakes actuate all 4 wheels independent axle-by-axle system. Self adjusting & wheel speed brake.
Parking Brake	Spring-applied, hydraulically released brake
Emergency Brake	When brake oil pressure drops, indicator light alerts operator and parking brake automatically applies.

STEERING SYSTEM	
Type	Load sensing hydrostatic articulated steering
Pump	Variable displacement piston pump, 148.5 l/min (39.2 gal/min)
System Pressure	3,046 psi (21,000 kPa)
Cylinder	Double acting 2-80 mm (3.15") \times 424 mm (16.7")
Steering Angle	40° to both right and left angle, respectively
Features	Center-point frame articulation. Tilt and telescopic steering column.

SERVICE REFILL CAPACITIES			
Fuel Tank	260.0 liters (68.6 US gal)		
Def Tank	30.0 liters (7.9 US gal)		
Cooling System	42.0 liters (11.1 US gal)		
Crankcase	18.0 liters (4.7 US gal)		
Transmission	33.0 liters (8.7 US gal)		
Front Axle	35.0 liters (9.2 US gal)		
Rear Axle	35.0 liters (9.2 US gal)		
Hydraulic Tank	110.0 liters (29.0 US gal)		
Hydraulic System (Including Tank)	200.0 liters (52.8 US gal)		

CAB NOISE LEVEL

Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly maintained cabin or exposed to a noisy environment by leaving doors and/or windows open.

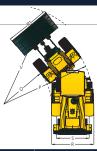
With cooling fan speed at maximum value:	
Operator sound pressure level (ISO 6396:2008)	68 dB(A)
Exterior sound nower level (ISO 6395:2008)	105 dR(Δ)

 $[\]ensuremath{^*}$ Distance of 15 m (49.2 ft), moving forward in second gear ratio.

HL960A DIMENSIONS

All dimensions are approximate.





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	Description	HL960A	HL960A XT
Α	Height to Top of Exhaust Pipe	3,340 (10' 11")	3,340 (10' 11")
В	Height to Top of Cabin	3,450 (11' 3")	3,450 (11' 3")
C	Height to Top of Product Link Antenna	3,505 (11' 6")	3,505 (11' 6")
D	Height to Top of Warning Beacon	3,580 (11' 9")	3,580 (11' 9")
Е	Ground Clearance	410 (1' 4")	410 (1' 4")
F	Wheelbase	3,300 (10' 10")	3,300 (10' 10")
G	Overall Length (Without Bucket)	6,870 (22' 6")	7,425 (24' 4")
Н	Shipping Length (With Bucket Level on Ground)	8,140 (26' 8")	8,695 (28' 6")
-1	Hinge Pin Height at Carry Position	465 (1' 6")	600 (2')
J	Hinge Pin Height at Maximum Lift	4,105 (13' 6")	4,535 (14' 11")

Unit: mm (ffin)

	Descr	iption	HL960A	HL960A XT
K	Lift Arm Clearand Maximum Lift	ce at	3,455 (11' 4")	3,885 (12' 9")
L	Dump Clearance 45° Discharge	at Maximum Lift and	2,935 (9' 8")	3,365 (11')
M	Reach at Maximu Discharge	ım Lift and 45°	1,285 (4' 2")	1,380 (4' 6")
N	Dump Angle at N Lift and Dump (o		50	50
		Ground	42	42
0	Roll Back Angle	Carry	47	48
Р	Clearance Circle to Outside of Tir		12,060 (39' 6")	12,060 (39' 6")
Q	Clearance Circle to Inside of Tires		6,430 (21' 1")	6,430 (21' 1")
R	Width Over Tires	(Unloaded)	2,770 (9' 1")	2,770 (9' 1")
R1	Overall Width (with bucket)	2,160 (7' 1")	2,160 (7' 1")
S	Tread Width		1,930 (6' 4")	1,930 (6' 4")

Linkage Bucket Type			d Linkage oose - Pin On		General Purpose - Hook On	High Lift Linkage
Edge Type	Bolt-On Cutting Edges	1 Piece Tooth	2 Piece Tooth	2 Piece Tooth & Segment	Bolt-On Cutting Edges	Change
Capacity - Rated	3.3 m³ (4.3 yd³)	3.2 m³ (4.2 yd³)	3.2 m³ (4.2 yd³)	3.3 m³ (4.3 yd³)	3.3 m³ (4.3 yd³)	-
Capacity - Rated at 110% Fill Factor	3.6 m³ (4.7 yd³)	3.5 m ³ (4.6 yd ³)	3.5 m³ (4.6 yd³)	3.6 m³ (4.7 yd³)	3.6 m³ (4.7 yd³)	-
Width	2,900 mm (9' 6" ft/in)	2,950 mm (9' 8" ft/in)	2,970 mm (9' 9" ft/in)	2,970 mm (9' 9" ft/in)	2,900 mm (9' 6" ft/in)	-
Dump Clearance at Maximum	2,935 mm	2,810 mm	2,775 mm	2,775 mm	2,755 mm	430 mm
Lift and 45° Discharge	(9' 7" ft/in)	(9' 3" ft/in)	(9' 2" ft/in)	(9' 2" ft/in)	(9' 1" ft/in)	(1' 5" ft/in)
Reach at Maximum Lift and 45° Discharge	1,285 mm	1,370 mm	1,390 mm	1,390mm	1,465 mm	95 mm
	(4' 3" ft/in)	(4' 6" ft/in)	(4' 7" ft/in)	(4' 7" ft/in)	(4' 10" ft/in)	(4" ft/in)
Digging Depth	90 mm	115 mm	125 mm	125 mm	90 mm	55 mm
	(3.5" ft/in)	(4.5" ft/in)	(4.9" ft/in)	(4.9" ft/in)	(3.5" ft/in)	(2" ft/in)
Shipping Length (with Bucket)	8,140 mm	8,290 mm	8,330 mm	8,330 mm	8,395 mm	555 mm
	(26' 8" ft/in)	(27' 2" ft/in)	(27' 4" ft/in)	(27' 4" ft/in)	(27' 7" ft/in)	(1' 10" ft/in)
Overall Height with Bucket at Maximum Lift	5,640 mm	5,640 mm	5,640 mm	5,640 mm	5,820 mm	430 mm
	(18' 6" ft/in)	(18' 6" ft/in)	(18' 6" ft/in)	(18' 6" ft/in)	(19' 1"ft/in)	(1' 5" ft/in)
Loader Clearance Circle with	13,410 mm	13,570 mm	13,620 mm	13,620 mm	13,570 mm	450 mm
Bucket at Carry Position	(44' ft/in)	(44' 6" ft/in)	(44' 8" ft/in)	(44' 8" ft/in)	(44' 6" ft/in)	(1' 6" ft/in)
Static Tipping Load. Straight	14,300 kg	14,500 kg	14,500 kg	14,250 kg	13,080 kg	-1,350 kg
(No Tire Deflection)	(31,525 lb)	(31,965 lb)	(31,965 lb)	(31,415 lb)	(28,835 lb)	(-2,975 lb)
Static Tipping Load. Articulated (No Tire Deflection)	12,410 kg	12,580 kg	12,580 kg	12,360 kg	11,350 kg	-1,300 kg
	(27,360 lb)	(27,735 lb)	(27,735 lb)	(27,250 lb)	(25,020 lb)	(-2,865 lb)
Breakout Force	16,670 kg	17,705 kg	17,705 kg	16,670 kg	13,870 kg	-240 kg
	(36,750 lb)	(39,030 lb)	(39,030 lb)	(36,750 lb)	(30,580 lb)	(-530 lb)
Operating Weight*	19,200 kg	19,125 kg	19,125 kg	19,250 kg	19,590 kg	830 kg
	(42,330 lb)	(42,160 lb)	(42,160 lb)	(42,440 lb)	(43,190 lb)	(1.830 lb)

^{*} All height and tire related dimensions are with standard 20.5 R25, ★ ★, L3 tires.

3.3 (4.32)

3.8 m³ (4.97 yd³)

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Cutting Edge Q/C

Standard lift arm - General Purpos	se														
T	3 (13)	Material Density [ton / m³]]													
Туре	m³ (yd³)	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
Cutting Edge	3.3 (4.32)				3.8 m³ (4	.97 yd³)						3.1 m ³ (4. 05 yd ³)	
1-Bolt on Tooth	3.2 (4.19)					3.7 m³ (4	.84 yd³)						3.0 m ³	(3.92 yd ³)	
2-Bolt on Tooth	3.2 (4.19)				3	3.7 m³ (4	.84 yd³)						3.0 m ³	(3.92 yd ³)	
2-Bolt on Tooth & Segment edge	3.3 (4.32)				3.8 m³ (4	.97 yd³)						3.1 m ³ (4. 05 yd ³)	
Cutting Edge Q/C	3.3 (4.32)			3.8 m³ (4	.97 yd³)						3.1 m ³	(4.05 yd ³)			
High lift arm - General Purpose															
T	3 (13)	Material Density [ton/m³]													
Туре	m³ (yd³)	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
Cutting Edge	3.3 (4.32)		3.8 m³ (4	4.97 yd³)						3.1 m ³	(4. 05 yd ³)			
1-Bolt on Tooth	3.2 (4.19)			3.7 m³ (4.	.84 yd³)						3.0 m ³	(3.92 yd ³)			
2-Bolt on Tooth	3.2 (4.19)			3.7 m³ (4.	.84 yd³)						3.0 m ³	(3.92 yd ³)			
2-Bolt on Tooth & Segment Edge	3.3 (4.32)		3.8 m³ (4	4.97 yd³)						3.1 m ³	(4. 05 yd³)			

3.1 m³ (4. 05 yd³)

NGINE	STD	OPT
ENGINE, CUMMINS, B4.5		
3 Stage air precleaner		
Alternator, 95A		
Fuel warmer		
Engine oil level dipstick gauge		
Fuel / water separator	•	
VGT (Variable Geometry Turbo)	•	
CLEAN EMISSION MODULE		
DOC, DPF and SCR	•	
Active Emission Regeneration (No Manual Rege	neration I	Require
Stage V Certified Emmissions	•	
EGR Free	•	
Automatic Regeneration	•	
COOLING SYSTEM Antifreeze		
Auto Reversing Fan (adjustable Time/	•	
Interval Frequencies) w/ Manual Override	•	
Coolant Level Sight Gauge	•	
Fan guard	•	
Wide Fin Radiator	•	
OWER TRAIN	STD	OP1
TRANSMISSION		
Transmission F4/R3, computer		
controlled, electronic soft shift, auto- shift and kick-down features included	•	
Transmission oil sight level		
Wide Fin Transmission Oil Cooler		
AXLE		
Conventional (Rear)	•	
Hydraulic lock differential (Front)	•	
Limited slip differential (Front / Rear)		•
BRAKE		
Parking brake	•	
Service brake (Enclosed wet-disc)	•	
Service brake (Enclosed wet-disc) TIRES	•	
Service brake (Enclosed wet-disc)	•	
Service brake (Enclosed wet-disc) TIRES 17.5 R25, ★★, L3 17.5 R25, ★, XHA	· ·	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, ★★, L3 17.5 R25, ★, XHA	•	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, ★★, L3 17.5 R25, ★, XHA YDRAULIC SYSTEM	•	. ОРТ
Service brake (Enclosed wet-disc) TIRES 17.5 R25, ★★, L3 17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge	•	· OP1
Service brake (Enclosed wet-disc) TIRES 17.5 R25, **, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32	STD	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, **, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46	STD .	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler	STD	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, **, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46	STD .	OPI
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL	STD .	• OP1
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip	STD .	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, **, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic	STD .	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, **, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic	STD .	. OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function	STD · · ·	• OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip	. STD	• OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick	STD · · ·	. OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip	. STD	OPT
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system	· STD · · · · · · · · · · · · · · · · · · ·	
Service brake (Enclosed wet-disc) TIRES 17.5 R25, **, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system	· STD · · · · · · · · · · · · · · · · · · ·	
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Service brake (Enclosed wet-disc) TIRES 17.5 R25, **, L3 17.5 R25, **, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure	. STD	
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, L3 17.5 R25, *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level		
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Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature	. STD	
Service brake (Enclosed wet-disc) TIRES 17.5 R25, * *, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil Ved46 Hydraulic Oil Ved46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine colant temperature Engine oil pressure		
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AB & INTERIOR	STD	OP
GAUGES		
Diesel Exhaust Fluid (DEF) level	•	
Engine coolant temperature	•	
Fuel level	•	
Horn, electric		
Speedometer		
Transmission oil temperature		
INDICATOR LIGHTS	l	
Clutch Cut Off		
	•	
Differential Lock	•	
Engine auto stop	•	
FNR	•	
High beam	•	
Parking brake	•	
Pilot cut off	•	
Ride control	•	
Seat belt ON/OFF		
Turning light		
LCD DISPLAY	-	
Clock and fault code	•	
DEF level	•	
DEF low level	•	
Engine rpm	•	
Horn, electric	•	
Job time and distance		
Operating hour counter		
Transmission gear range		
BATTERIES		
		1
850CCA, 12V, 2PCS	•	
LIGHTING SYSTEM		r
Brake lights(Counterweight)	•	
LED dome light	•	
2 Head lights on front tower	•	
2 Head lights (LED) on front tower		
2 Stop and tail lights		
4 Turn signals		
2 Working lights on front roof		
		•
4 Working lights on front roof		
2 Working lights on rear roof		
4 Working lights (LED) on front roof		
2 Working lights (LED) on rear roof		
2 Working lights on grill	•	
2 Working lights (LED) on grill	•	
SWITCHES		
Battery master switch		
Differential Lock		
	-	
Emergency steering		·
FNR shifter	•	
Hazard	•	
Parking	•	
Pilot cut off	•	
SYSTEM MEMORY SETTINGS		
Autolube, integrated in secondary display		
Auto position		
Beacon light		
Fine modulation		
Main light		
Mirror heat		
Quick coupler		
Rear wiper		
Ride control		
Work light		
Work load		-
	•	
IGNITION		
Key	•	
Push Start Button		•
	•	
24V to 12V DC converter (20A)	•	
24V to 12V DC converter (20A) Coat hook		
CAB (SOUND SUPPRESSED) 24V to 12V DC converter (20A) Coat hook Magazine pocket One door cab	•	

CAB & INTERIOR CAB(SOUND SUPPRESSED)	STD	OI
ROPS / FOPS CAB.	•	
Rubber floor mat	•	
Steering column, tilt and telescopic	•	
Steering wheel with knob		
Tinted safety glass		
Wrist rest		
DOOR		
Door and cab locks, one key		
Doors, service access (Locking)		
Doors, service access (Remote control)		
AUTOMATIC CLIMATE CONTROL		
Air conditioner & heater	•	
Defroster	•	
Intermittent wiper and washer, front		
and rear		
SEAT		
3" Retractable seat belt & adjustable		
air suspension (Heated)		
PERSONAL STORAGE SPACE		
Console box	•	
Holder, can and cup	•	
PEDALS		
Accel pedal without ECO switch	•	
Dual-brake pedal		
One acceletator pedal	•	
One brake pedal	٠	
AFETY	STD	0
Alarm, back-up	•	
Boom safety lock		
Emergency steering		-
Emergency stop	•	
Fire extinguisher		
OBJECT DETECTION	I	
AAVM - All Around View Monitoring	.\	
IMOD (Intelligent Moving Object Detection RADAR + Secondary Mornitor	1)	
	STD	
OTHERS	STD	0
OTHERS 2nd Monitor	STD	0
2nd Monitor 3 Spool MCV	STD .	0
OTHERS 2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch	STD .	0
THERS 2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor	STD ·	0
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down	•	0
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System	•	0
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar	•	0
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System	•	0
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight	•	0
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite	•	O
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler	•	
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp	•	
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed	•	
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin	•	
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks	•	
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks	•	0
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2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails	•	
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders	•	
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms		
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* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.

* The photos may include attachments and optional equipment that are not available in your area.

* Materials and specifications are subject to change without advance notice.

* All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

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